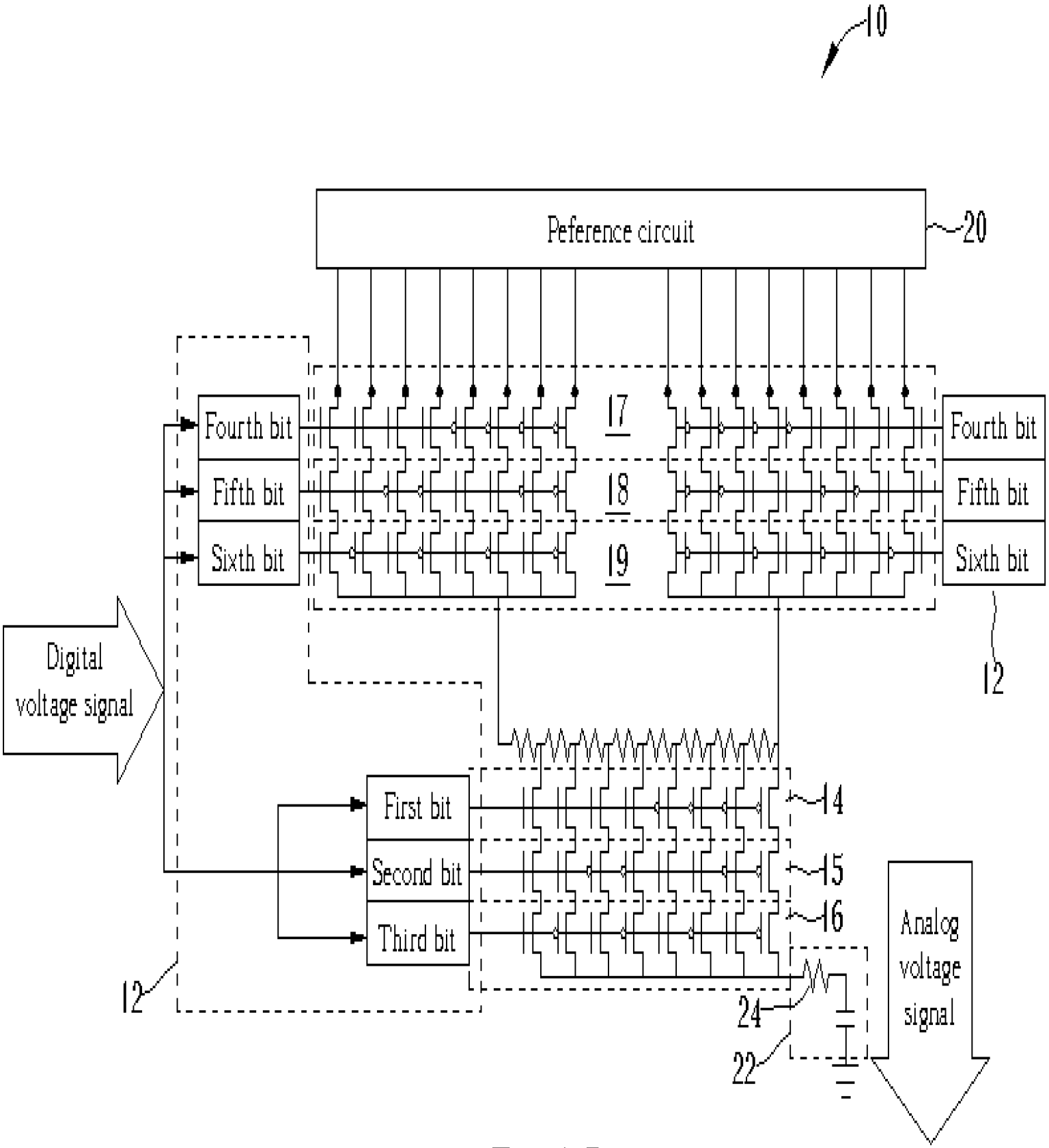

Fig. 1 Prior art

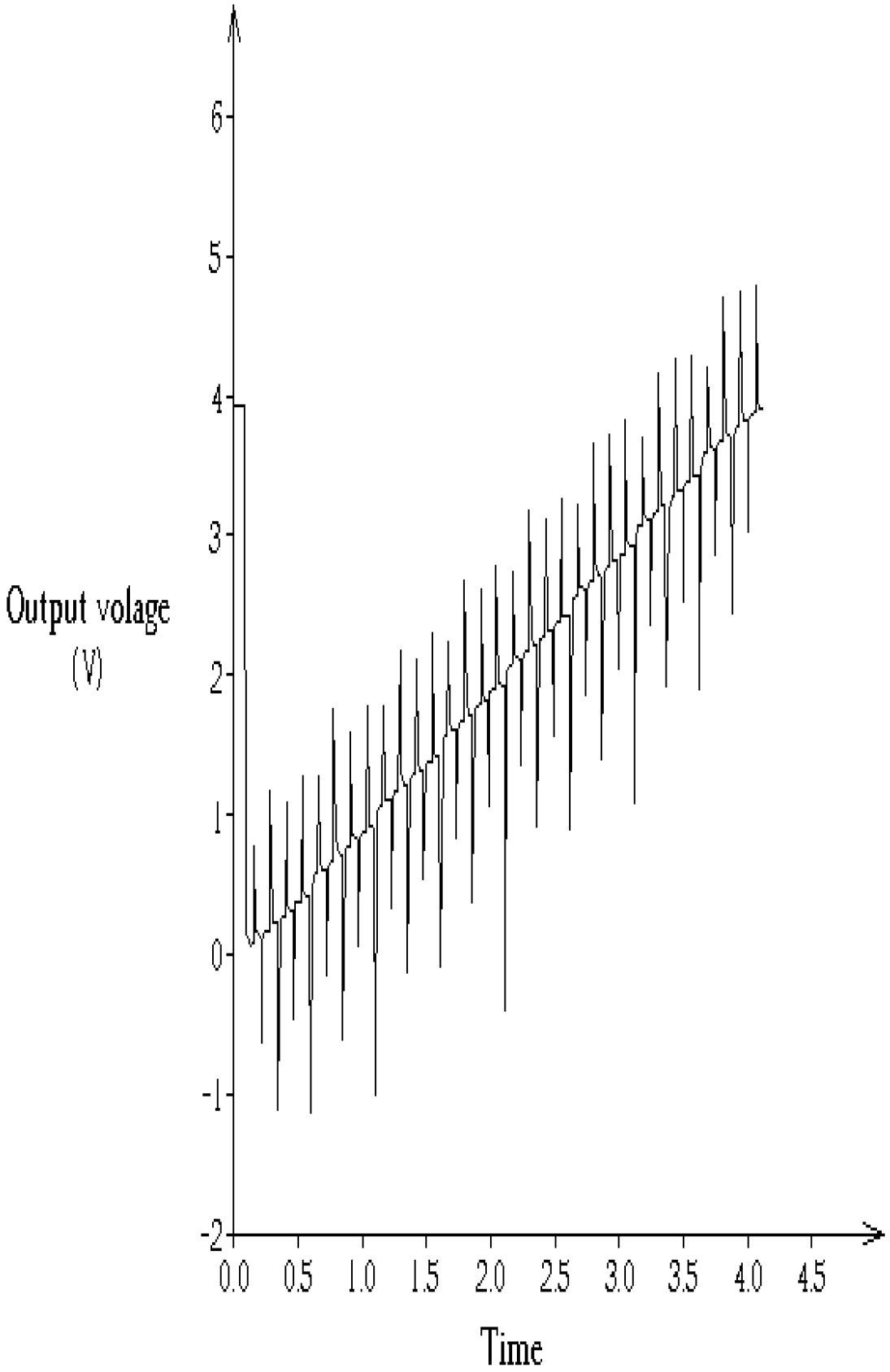

Fig. 2 Prior art

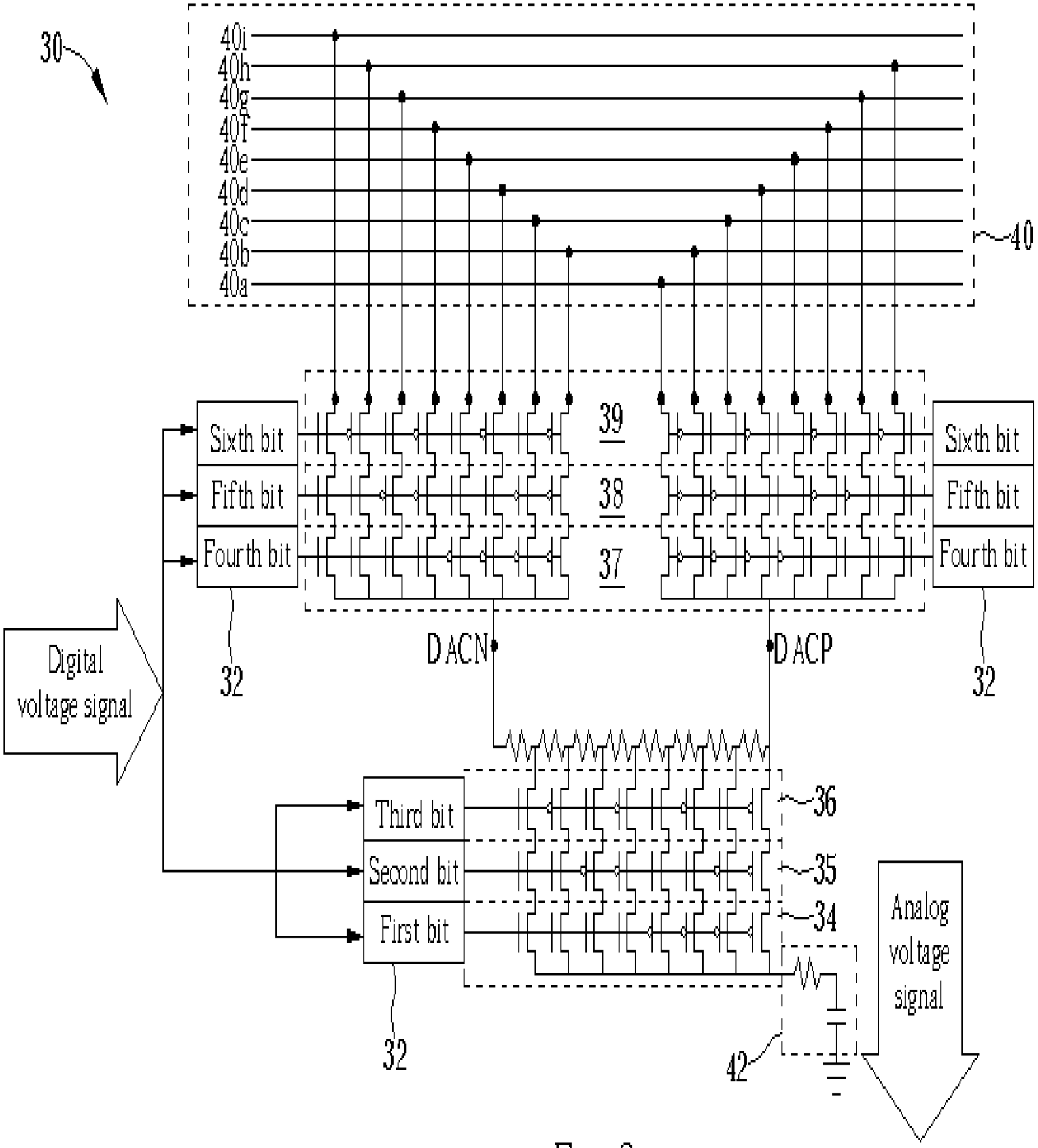
30
40i
40h
40g
40f
40e
40d
40c
40b
40a
40
39
38
37
Sixth bit
Fifth bit
Fourth bit
Sixth bit
Fifth bit
Fourth bit
32
32
Digital voltage signal
DACN
DACP
Third bit
Second bit
First bit
36
35
34
32
42
Analog voltage signal

Fig. 3

Fourth bit	Fifth bit	Sixth bit	DACP	DACN
0	0	0	0.5V	0V
0	0	1	1V	0.5V
0	1	0	1.5V	1V
	⋮		⋮	⋮
1	0	1	3.5V	3V
1	1	1	4V	3.5V

Fig. 4

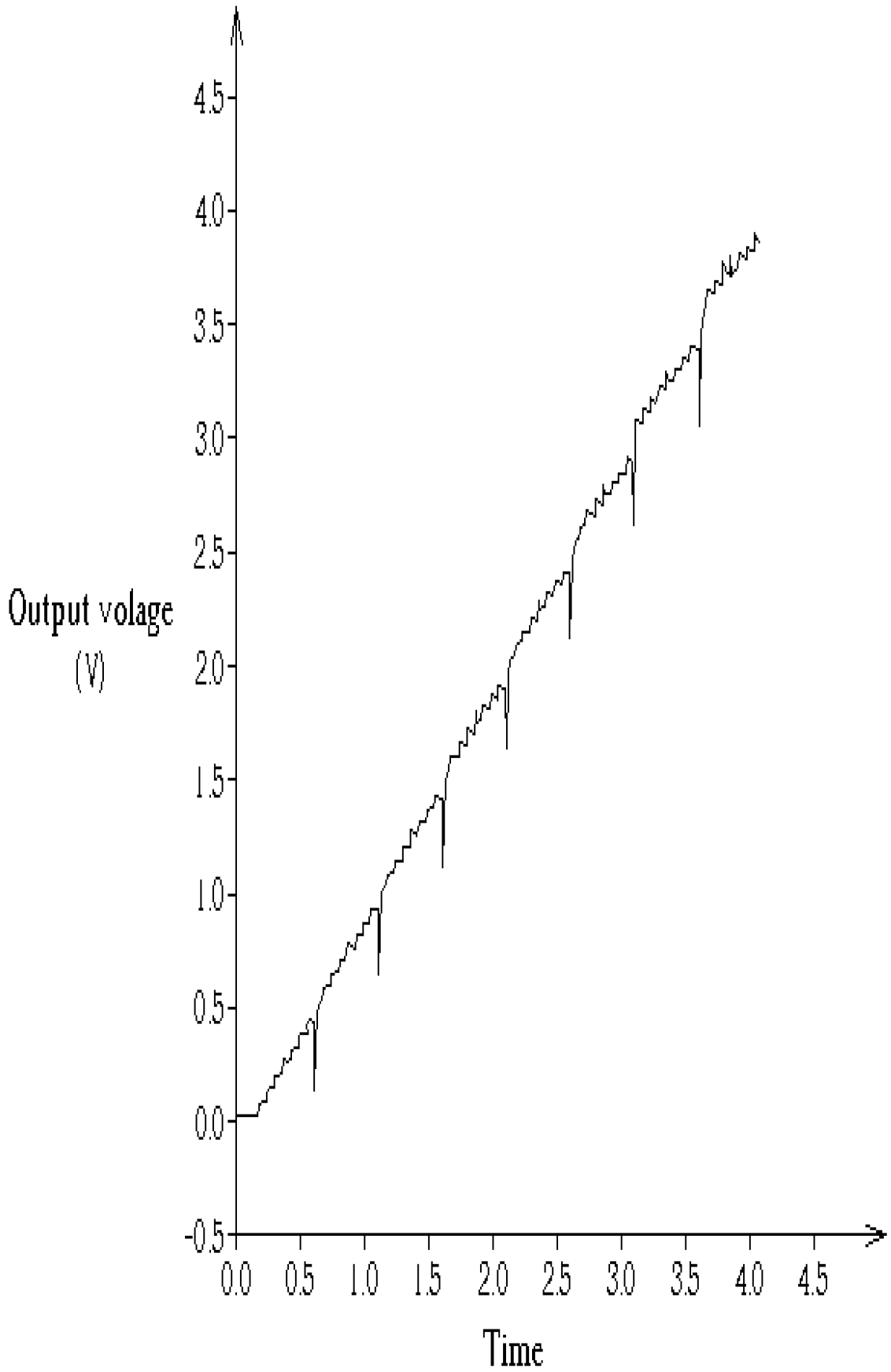
Output volage
(V)
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
Time

Fig. 5